

Work Order ID 99933

April-16-13 1:17:20 PM

99933

Page 1

Item ID: 646.4001

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: AS350 Cable Cutter

Start Date: 4/16/13 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: *MLJ*

Date: *13-04-16*

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
646.4000	A								
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Document Control	Photocopy bluefile & type labels per PPP 646.4001								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

BS 13/05/24

1-93 13/05/22
AP May 24.13

BS 24

Work Order ID 99933

April-16-13 1:17:20 PM

99933

Page 2

Item ID: 646.4001

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: AS350 Cable Cutter

Start Date: 4/16/13 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 4/30/13 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

0.00

130

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP 646.4001

Location: _____

1 ~~2~~ 13-5-24

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

ML5 13-5-27

MF
13-5-24

Picklist Print

April-16-13 1:17:24 PM

Page 1

Work Order ID: 99933

99933

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.10.23 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

646.3301		Manufactured	No				Each	25.0000					
646 3301									**				
Upper Cutter Assembly													

Shp

Location

Loc Qty

Loc Code

ST139A

7

125083

7

ST545

18

93247

18

646.3001		Manufactured	No				Each	17.0000					
646 3001									**				
Lower Cutter Assembly													

Shp

Location

Loc Qty

Loc Code

ST139A

9

125083

9

ST537

8

93425

8

646.2910		Manufactured	No				Each	6.0000					
646 2910									**				
Deflector													

Shp

Location

Loc Qty

Loc Code

ST139A

6

125083

6

Picklist Print

April-16-13 1:17:24 PM

Page 2

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

999.33

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

646.3810

Manufactured No

Each 8.0000

646 3810

Bracket

**

Location

Loc Qty

Loc Code

ST139A

8

93300

8

646.3510

Manufactured No

Each 3.0000

646 3510

Strut

**

Location

Loc Qty

Loc Code

ST139B

3

125083

3

646.3511

Manufactured No

Each 2.0000

646 3511

Strut

**

Location

Loc Qty

Loc Code

ST

2

125023

2

646.3512

Manufactured No

Each 1.0000

646 3512

Strut

**

Location

Loc Qty

Loc Code

ST139A

1

125083

1

646.3513

Manufactured No

Each 24.0000

646 3513

Strut

**

Location

Loc Qty

Loc Code

ST139A

24

125083

24

April-16-13 1:17:24 PM

Shop Packet Print

Page 2

Picklist Print

April-16-13 1:17:24 PM

Page 3

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

NAS1149F0332P

Purchased

No

Each

8,710.000

NAS1149F0332P

WASHER

**

134

[Signature]

✓ 2245
1424 ✓

SM

Location

Loc Qty

Loc Code

GA

182

122063

182

ST294

158

122063

158

ST295

3

123352

3

st510

8367

123900

8367

Each

4,778.000

123900 #

63

**

4/30/23 ①

MS21042L3

Purchased

No

Each

MS21042L3

Nut

SM

Location

Loc Qty

Loc Code

FP001

3

122141

3

GA

119

122452

119

ST314

268

117885

32

119017

55

119075

138

123265

43

ST506

4388

123900

974

124291

3414

124291 #

Picklist Print

April-16-13 1:17:24 PM

Page 4

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

646.3110

Manufactured No

Each

6.0000

646 3110

Channel

**

99669 #

Location

Loc Qty

Loc Code

ST139A

6

125083

6

Each

22.0000

**

646.3710

Manufactured No

646 3710

Doublet

Location

Loc Qty

Loc Code

ST425

22

97175

22

Each

5.0000

**

646.3210

Manufactured No

646 3210

Support

Location

Loc Qty

Loc Code

ST538

5

93488

5

Each

7.0000

**

646.3713

Manufactured No

646 3713

Gusset

Location

Loc Qty

Loc Code

ST139A

7

93208

7

97175 #

93488 #

13/5/22

93208 #

Picklist Print

April-16-13 1:17:24 PM

Page 5

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

999.33

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

MS24694-S51

Purchased

No

Each

108.0000

MS24694-S51

Screw

SM

**

Location

Loc Qty

Loc Code

ST303

108

116805

1

123741

107

123741 A

AN3-13A

Purchased

No

Each

95.0000

AN3-13A

Bolt

SM

**

Location

Loc Qty

Loc Code

ST351

45

104746

15

120910

30

ST512

50

123759

50

104746 A

AN3-4A

Purchased

No

Each

453.0000

AN3-4A

Bolt

SM

**

Location

Loc Qty

Loc Code

ST350

318

120308

80

122814

38

124858

200

ST512

135

120770

134

123900

1

124858 A

13/5/22

Picklist Print

April-16-13 1:17:24 PM

Page 6

Work Order ID: 99933

99933

Parent Item: 646.4001

646 4001

Parent Item Name: AS350 Cable Cutter

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

CR3213-5-3

Purchased

No

Each

300.0000

CR3213-5-3

Cherry Rivet

SMD 03

**

04

M/23648 R

Location

Loc Qty

Loc Code

ST329

300

123785

300

Each

741.0000

MS20470AD5-5.5

Purchased

No

MS20470AD5-5.5

Rivet

SMB

**

8

R

Location

Loc Qty

Loc Code

ST336

741

123425

741

Each

2.0000

646.3711

Manufactured

No

646 3711

Clip

SMD

**

123425 AA

0

100116 AA

R

Location

Loc Qty

Loc Code

ST139B

2

125083

2

Each

2.0000

646.3712

Manufactured

No

646 3712

Clip

SMD

**

1

100117

R 4-30

Location

Loc Qty

Loc Code

ST139B

2

125083

2

Picklist Print

April-16-13 1:17:24 PM

Page 7

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

646.3811

Manufactured No

Each 29.0000

646 3811

Radius Block

**

U - 29

SMD

Location

Loc Qty

Loc Code

ST139A

29

125083

9

93224

20

125083 M

AN3-6A

Purchased No

Each 438.0000

AN3-6A

Bolt

**

2 - 80

SMD

Location

Loc Qty

Loc Code

ST350

300

124296

300

ST351

61

117441

34

121166

13

122993

10

123831

4

ST512

77

122814

77

122814 M

MS24694-S55

Purchased No

Each 92.0000

MS24694-S55

Screw

**

U - 80 1304-30

SMD

Location

Loc Qty

Loc Code

ST303

92

124296

92

124296 M

Picklist Print

April-16-13 1:17:25 PM

Page 8

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

999.33

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

646.3610

Manufactured No

Each

18.0000

646 3610

Filler

**

13-04-30

SMP

Location

Loc Qty

Loc Code

125083

7

125083

7

ST139A

11

93434

11

125083 A

646.3714

Manufactured No

Each

2.0000

646 3714

Gusset

**

100118A

SMP

Location

Loc Qty

Loc Code

ST139A

2

93175

2

MS20470AD5-6

Purchased No

Each

1,756.000

MS20470AD5-6

Rivet

**

8 2B

SMP

Location

Loc Qty

Loc Code

ST336

1756

105433

866

124089

890

105433 A

646.3812

Manufactured No

Each

9.0000

646 3812

Gusset Bracket

**

2 2B 124552 A

SMP

Location

Loc Qty

Loc Code

ST139B

9

93185

9

1293182 A

1X 99607

Picklist Print

April-16-13 1:17:25 PM

Page 9

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

AN3-3A

Purchased

No

Each

268.0000

**

4

20

AN3-3A

Bolt

SM

Location

Loc Qty

Loc Code

ST350

268

123831

7

124221

200

124552

61

124552 A

646.3813

Manufactured

No

Each

5.0000

**

646 3813

Strut Bracket

SM

Location

Loc Qty

Loc Code

ST139d

5

125083

5

125083 K

MS20470AD5-7

Purchased

No

Each

2,194.000

**

MS20470AD5-7

Rivet

SM

Location

Loc Qty

Loc Code

Mezz

1384

2655

799

3011

585

ST336

810

123425

810

123425 A

MS21047-3

Purchased

No

Each

445.0000

**

MS21047-3

NUT PLATE

SM

Location

Loc Qty

Loc Code

ST316

445

123268

75

123301

50

123522

320

123522 A

JB

13-04-26

April-16-13 1:17:25 PM

Shop Packet Print

Page 9

Picklist Print

April-16-13 1:17:25 PM

Page 10

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

CCR264SS3-02

Purchased

No

Each

740.0000

CCR264SS3-02
Rivet: Cherry

**

36

JB

SMP

Location

Loc Qty

Loc Code

ST327

740

106578

100

123785

240

124231

200

124259

200

123785 A

AN3-5A

Purchased

No

Each

1,103.000

AN3-5A
Bolt

**

2

JB

SMP

Location

Loc Qty

Loc Code

FP001

86

122800

86

GA

120

117423

120

ST350

22

120187

22

ST512

875

122416

75

124561

800

124561 A

646.3715

Manufactured

No

Each

12.0000

646 3715
Strut Doubler

**

2

JB 13-04-26

SMP

Location

Loc Qty

Loc Code

ST139B

12

93338

12

93338 A

Picklist Print

April-16-13 1:17:25 PM

Page 11

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-12

Purchased

No

Each

169.0000

MS27039-1-12

Screw

**

6 - 10

SMP

Location

Loc Qty

Loc Code

Mezz

169

100993

169

100993 A

646.3716

Manufactured

No

Each

4.0000

646 3716

Gauge Bracket

**

100 120 A

SMP

Location

Loc Qty

Loc Code

125083

4

125083

4

MS20426AD5-7

Purchased

No

Each

813.0000

MS20426AD5-7

Rivet

**

2 - 20

SMP

Location

Loc Qty

Loc Code

ST334

813

101340

813

101340 A

MS24694-S54

Purchased

No

Each

76.0000

MS24694-S54

Screw

**

2 - 13-04-26

SMP

Location

Loc Qty

Loc Code

ST303

76

123900

1

124859

75

124859 A

Picklist Print

April-16-13 1:17:25 PM

Page 12

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

999.33

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-21

Purchased

No

Each

343.0000

MS27039-1-21

SCREW

Shp

Location

Loc Qty

Loc Code

ST306

43

115935

43

ST506

300

124326

300

**

4 *90*

115935

MS27039-1-20

Purchased

No

Each

478.0000

MS27039-1-20

Screw

Shp

Location

Loc Qty

Loc Code

st510

478

124326

478

**

2 *70*

124326

MS27039-1-19

Purchased

No

Each

848.0000

MS27039-1-19

Screw

Shp

Location

Loc Qty

Loc Code

ST306

102

122814

2

123522

100

ST506

746

124326

746

**

22 *90* *13-04-26*

124326

646.3717

Manufactured

No

Each

2.0000

646-3717

Doubler

Shp

Location

Loc Qty

Loc Code

ST139B

2

125083

2

**

1 *99591*

April-16-13 1:17:25 PM

Shop Packet Print

Page 12

Picklist Print

April-16-13 1:17:25 PM

Page 13

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

646.3718

Manufactured No

Each 45.0000

~~*646 3718*~~

Custom Washer

**

~~2~~ 20

Smp

Location

Loc Qty

Loc Code

ST139A

7

125083

7

ST522

38

93365

38

~~125083~~

93365 A

646.3719

Manufactured No

Each 24.0000

~~*646 3719*~~

Doubler

**

~~2~~ JB

Smp

Location

Loc Qty

Loc Code

ST139B

24

125083

24

125083 A

MS27039-1-10

Purchased No

Each 321.0000

~~*MS27039-1-10*~~

Screw

**

~~2~~ JB 13-04-26

Smp

Location

Loc Qty

Loc Code

GA

100

120449

100

ST305

101

122815

1

124859

100

ST308

18

123522

18

ST506

102

124326

102

124326 A

Picklist Print

April-16-13 1:17:26 PM

Page 14

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

AN3-11A

Purchased

No

Each

672.0000

AN3-11A

Bolt

**

8

20

Smb

Location

Loc Qty

Loc Code

ST351

72

123525

72

123525

ST512

600

115457

100

123352

200

123759

300

600.0990

Purchased

No

Each

9.0000

600 0990

Magnabond 6398 Part A (One 4 oz can)

**

1

20

Smb

Location

Loc Qty

Loc Code

ST

9

125051

9

125051

600.0991

Purchased

No

Each

9.0000

600 0991

Magnabond 6398 Part B (One 4 oz can)

**

1

20

Smb

Location

Loc Qty

Loc Code

ST

9

125051

9

125051

600.1012

Purchased

No

Each

24.0000

600 1012

Sealant (One 6 oz Semkit)

**

1

20 13-0426

Smb

Location

Loc Qty

Loc Code

ST

24

125051

9

25306

15

125051

20

Picklist Print

April-16-13 1:17:26 PM

Page 15

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

600.0129

Purchased

No

f

128.0000

600-0129

VHB Tape (75935A651 mcmaster)

1x 96" Smp

Location

Loc Qty

Loc Code

ST

128

125031

128

Each

945.0000

**

8

h

125031 A

5

**

20

600.1013

Purchased

No

600-1013

Tape Primer

Smp

Location

Loc Qty

Loc Code

ST139A

945

125154

945

Each

72.0000

**

125154 A

4

20

646.3910

Manufactured

No

646-3910

Shim

Smp

Location

Loc Qty

Loc Code

ST139B

22

125083

22

ST139d

50

93238

50

Each

20.0000

**

93238 A

1

20

13-04-24

646.3911

Manufactured

No

646-3911

Shim

Smp

Location

Loc Qty

Loc Code

ST139A

1

125083

1

ST139d

19

93362

19

93362 A

Picklist Print

April-16-13 1:17:26 PM

Page 16

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

99933

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

646.3912

Manufactured No

Each 73.0000

646 3912

Shim

**

4 JB

Location

Loc Qty

Loc Code

ST139A

22

125083

22

ST139d

51

93423

51

Each

36.0000

**

93423 JB

646.3913

Manufactured No

646 3913

Shim

Location

Loc Qty

Loc Code

ST139B

16

125083

16

ST139d

20

93160

20

Each

59.0000

**

2 JB 13-04-26

AN3-12A

Purchased No

AN3-12A

Bolt

Location

Loc Qty

Loc Code

GA

6

122407

6

ST351

5

114536

1

123352

4

ST512

48

123759

48

123759 JB

Picklist Print

April-16-13 1:17:26 PM

Page 17

Work Order ID: 99933

Parent Item: 646.4001

Parent Item Name: AS350 Cable Cutter

999.33

646 4001

Start Date: 4/16/13

Required Date: 4/30/13

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-16

Purchased

No

Each

70.0000

MS27039-1-16

Screw

**

✓ JB 13-04-26

Smp

Location

Loc Qty

Loc Code

ST306

70

122993

70

122993 AA

INDUSTRIES, INC.

SHEET 1 of 1

REV: A

PREPARED BY: N.CAP

DATE: 03/21/11

EFFECT ON DWG
☐ INC. ☒ UNINC.

APPROVED BY:

ENGR

MFG

QC

FFF:	
------	--

NEXT ORDER

TRANSACTION CODES (TC):
A-ADD C-CREATE
R-REVISE D-DELETE

REASON: CREATED FIXED AND CCK WITHOUT FIXED PROVISIONS KIT

100-400000

CONTENT

References

1. **COVER**

99933 M.L.S

13-04-16

REF	REF		REF	65	647.5701	GPS MOUNT KIT			
		6		64	601.3151	WASHER		NISZ-49T06P	
		2		63	601.2911	SCREW		NISZ-4694S3	
2			2	62	601.2637	SCREW		NISZ7839-1-16	
2			2	61	601.2763	BOLT		M3C-12A	
1			1	60	646.3913	SHIM			
4			4	59	646.3912	SHIM			
1			1	58	646.3911	SHIM			
4			4	57	646.3910	SHIM			
5			5	56	600.1013	PRIMER			
8 FT			8 FT	55	600.0129	VHB TAPE			
1			1	54	600.0122	SEALANT		PW-1423 CLASS B	
A004	A003	A002	A001	FIND #	PART #	DESCRIPTION		DATE	SPEC.

[illegible]

DOCUMENTS EFFECTED:

☒ MDL ☒ INSTALL INSTRU ☒ ICA ☒ BOM

CHANGE CATEGORY

☐ MAJOR ☒ MINOR

DER REVIEW REQUIRED

☐ YES ☒ NO

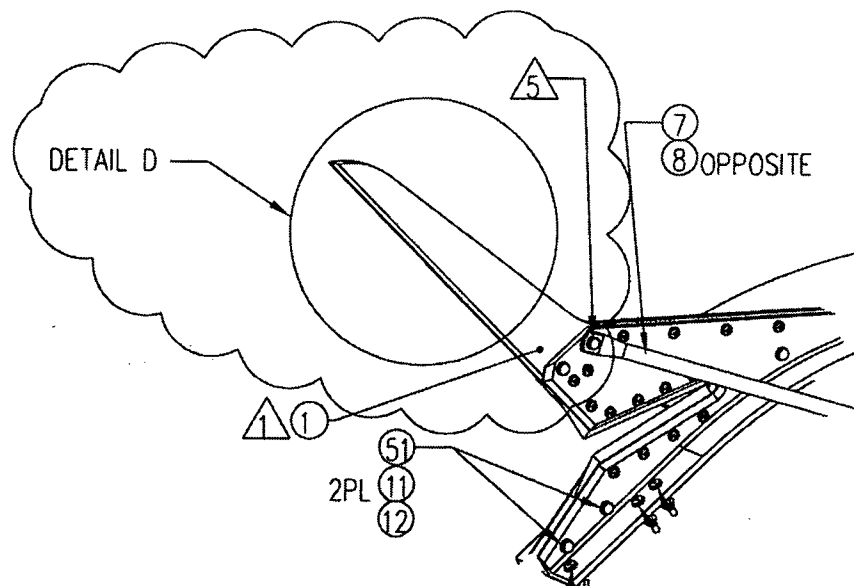
99933

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NOTICE NO. 03046				SHEET 1 OF 1	
	DWG NO. 646.4000	REV: A	PREPARED BY J. JACKSON	DATE: 01/24/11	EFFECT ON DWG <input type="checkbox"/> INC <input checked="" type="checkbox"/> UNINC.	
	DWG TITLE: AS350 CABLE CUTTERS KIT					
APPROVED BY: ENGR <i>[Signature]</i>		MFG <i>[Signature]</i>	QC <i>[Signature]</i>	EFF: NEXT ORDER		
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: ADDED GPS MOUNT KIT, F/N 65. REVISED DRAWING VIEWS. ADDED NOTE $\triangle 7$				

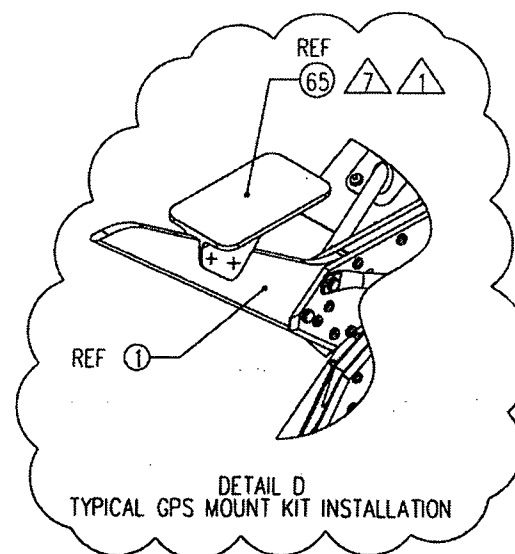
SHEET 1, ZONE B1 IS:

$\triangle 7$ AT CUSTOMERS OPTION, INSTALL F/N 65 BY MATCH DRILLING ONTO F/N 1.

SHEET 2, ZONE A4 IS:



SHEET 2, ZONE B2 IS:



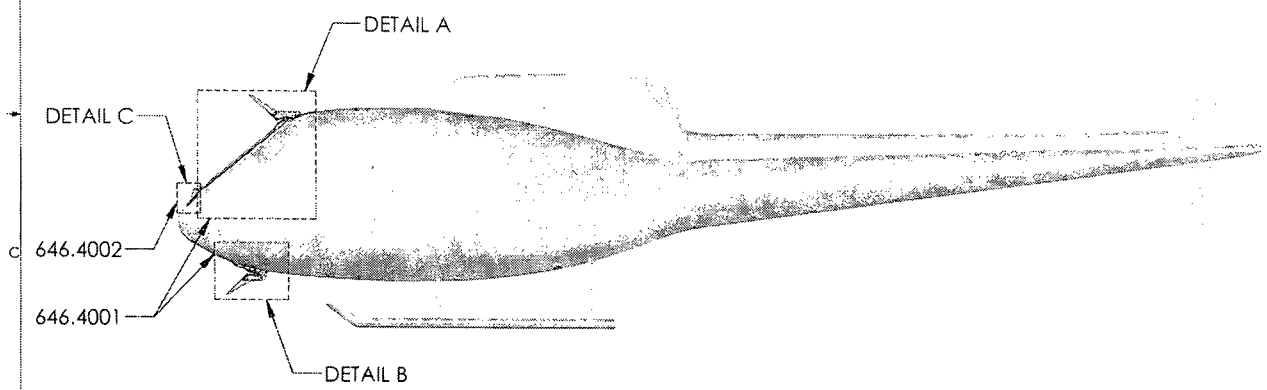
65	A	647.5701	REF	GPS MOUNT KIT	$\triangle 7$	
F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
DOCUMENTS EFFECTED:					CHANGE CATEGORY	
<input type="checkbox"/> MDL <input type="checkbox"/> INSTALL INSTRUC <input type="checkbox"/> ICA <input checked="" type="checkbox"/> BOM					<input type="checkbox"/> MAJOR <input checked="" type="checkbox"/> MINOR	
					DER REVIEW REQUIRED	
					<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	

99933

NOTE

1. AFTER INSTALLATION, APPLY F/N 54 A/R TO FILL GAPS AND FILLET EDGES
2. INSTALL F/N 14 WITH F/N 52 & 53
3. 3M VHB ADHESIVE TAPE .025" THICK X .50" WIDE
VENDOR: MCMMASTER-CARR P/N 75935A6.51
4. 3M TAPE PRIMER 94, APPLY TO BOTH SURFACES A/R BEFORE TAPE
VENDOR: R.S. HUGHES P/N 021200-24216
5. REUSE FASTENERS FROM F/N 1
6. USE WASHERS AS REQUIRED AS SHIMS TO OBTAIN BEST FITMENT

0346, 0307-1



QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
6	64	601.3151	WASHER	MS21470230P	
2	63	601.2911	SCREW	MS2464AS53	
2	62	601.2637	SCREW	MS27039-1-16	
2	61	601.2763	BOLT	ANG 12A	
1	60	646.3713	SHIM		
4	59	646.3712	SHIM		
1	58	646.3711	SHIM		

QTY	FIND #	PART #	DESCRIPTION	MATL	SPEC.
1	57	600.0400	WIPER BRACKET		
1	56	600.0400	WIPER BRACKET		
1	55	601.2636	BOLT	ANG 12A	
2	54	646.3814	WIPER BRACKET		
2	49	601.2910	SCREW	MS27039-1-16	
2	48	601.1365	SCREW	MS27039-1-16	
2	47	646.3719	DOUBLER		
2	46	646.3718	CUSTOM WASHER		
1	45	646.3717	DOUBLER		
2	22	601.1948	SCREW	MS27039-1-16	
2	43	601.1952	SCREW	MS27039-1-16	
4	42	601.1956	SCREW	MS27039-1-16	
2	41	601.2829	SCREW	MS27039-1-16	
2	40	601.2831	RIVET	MS20426A2-2	
1	39	646.3716	GAUGE BRACKET		
6	38	601.1953	SCREW	MS27039-1-16	
2	37	646.3715	STRUT DOUBLER		
2	36	601.2824	BOLT	ANG 12A	
36	35	601.2777	RIVET	MS27039-1-16	
18	34	600.0795	NUTPLATE	MS27039-1-16	
3	33	601.2565	RIVET	MS20426A2-2	
1	32	646.3613	STRUT BRACKET		
4	31	601.2822	BOLT	ANG 12A	
2	30	646.3812	GUSSET BRACKET		
8	29	601.2564	RIVET	MS20426A2-2	
1	28	646.3714	GUSSET		
1	27	646.3610	SEWER		
1	26	601.2830	SCREW	MS27039-1-16	
2	25	601.2825	BOLT	ANG 12A	
1	24	646.3811	RADIUS BLOCK		
1	23	646.3712	CLIP		
1	22	646.3711	CLIP		
8	21	601.2832	RIVET	MS20426A2-2	
14	20	601.2020	RIVET	MS27039-1-16	
10	19	601.2823	BOLT	ANG 12A	
1	18	601.2827	BOLT	ANG 12A	
5	17	601.2912	SCREW	MS27039-1-16	
1	16	646.3713	GUSSET		
1	15	646.3210	SUPPORT		
1	14	646.3710	DOUBLER		
1	13	646.3110	CHANNEL		
6	63	12	601.1624	LOCKNUT	MS21042L3
16	134	11	601.1607	WASHER	MS21470230P
1	10	9	646.3411	RH WIPER DEFLECTOR	
1	9	9	646.3410	LH WIPER DEFLECTOR	
1	8	8	646.3513	STRUT	
1	7	7	646.3512	STRUT	
1	6	6	646.3511	STRUT	
1	5	5	646.3510	STRUT	
2	4	4	646.3810	BRACKET	
1	3	3	646.2910	DEFLECTOR	
1	2	2	646.3001	LOWER CUTTER ASSY	
1	1	1	646.3301	UPPER CUTTER ASSY	
1	1	1	646.4002	AS350 WIPER DEFLECTOR KIT	
1	1	1	646.4001	AS350 CABLE CUTTERS KIT	

QTY: 400, 400

NEXT ASSY (S):

ORIGINAL DATE: 08-27-08
DRAWN BY: J. BRAY
CHECKED BY: J. BRAY
DRAWING APPROVAL: [Signature]
DATE: 08-27-08
CONTRACT NO:

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
1. PLACE DECIMALS: .001
2. PLACE DECIMALS: .005
ANGLES: 1°

PARTS LIST

APICAL INDUSTRIES
2608 TEMPLE HEIGHTS DR.
OCEANSIDE, CA. 92056-3512 (760)724-5300

AS350 CABLE CUTTERS KIT

SCALE: NONE

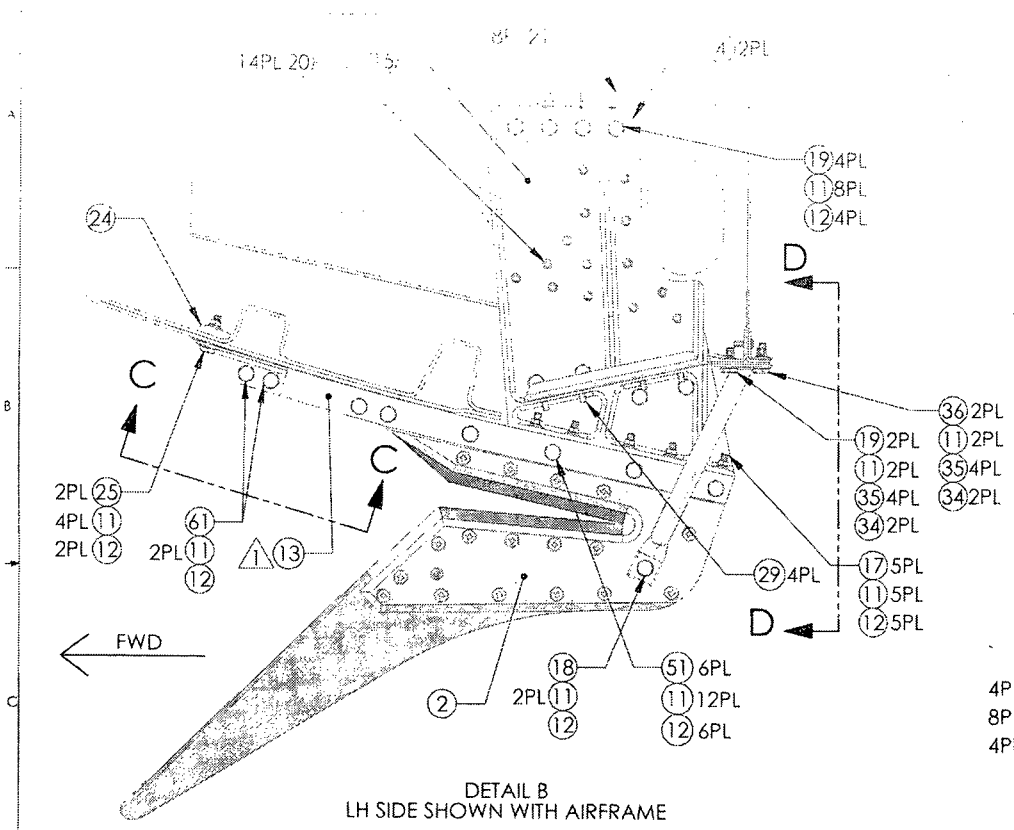
SHEET 1 OF 4

DETAIL A
SHOWN ISOMETRICALLY

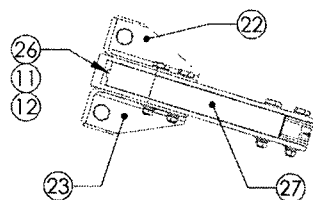
ORIGINAL DATE 1/28/54	58-27-05	A 2638 CCE A B 07K SCALE
DRAWN BY S. HUNT	CHICOP P. BRAVO	
DESIGNED BY P. BRAVO		
CONTRACT NO.		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		

PERSONAL DATE (MO/DA/YR) 06-27-05 DRAWN BY C. HUFF S. HUFF P. ERVINO DRAWING APPROVAL P. ERVINO CONTRACT NO.	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760) 724-5300 AS350 CABLE CUTTERS KIT SET (CABLE CUTTER) BANC. NO. 646.4000 SCALE NONE SHEET 2 OF 4
--	---

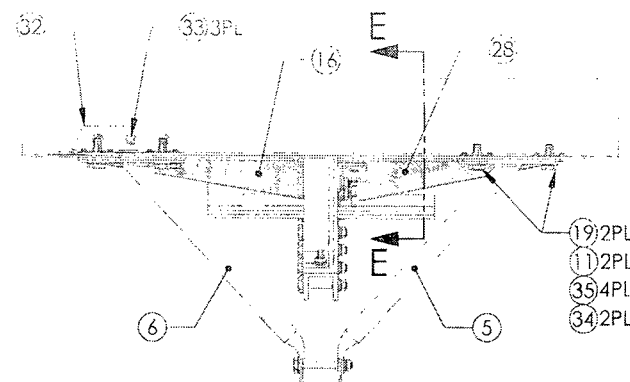
99932



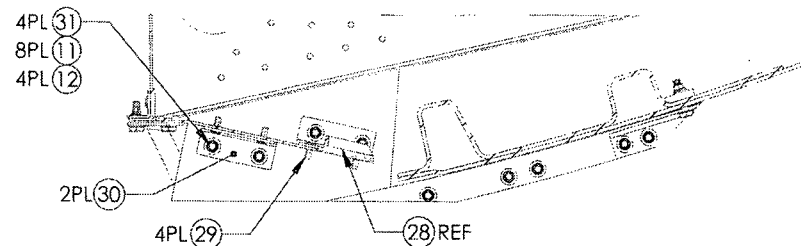
DETAIL B
LH SIDE SHOWN WITH AIRFRAME



SECTION C-C



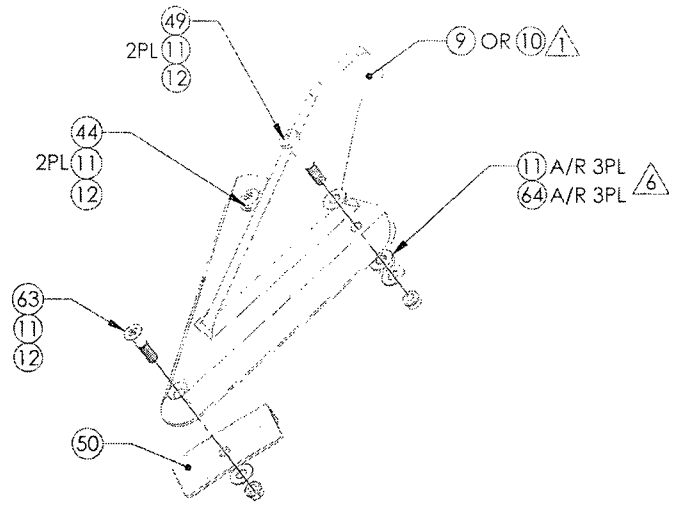
SECTION D-D
CUTTER HIDDEN FOR CLARITY



SECTION E-E

ORIGINAL DATE ENCLOSURE 8/22/06	APICAL INDUSTRIES 2408 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWING APPROVAL P. BRAVO 8/22/06	AS350 CABLE CUTTERS KIT			
DOC/PARTS NO.	SIN	CAD CODE	DWG. NO.	REV
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	B	07M16	646.4000	A
	SCALE NONE		SHEET 3 OF 4	

99933



DETAIL C
LH SHOWN EXPLODED
RH OPPOSITE

ORIGINAL DATE: DRAWN BY: CHECKED: DATE: DRAWING APPROVAL: DESIGNED: CONTRACT NO:		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNITS: OTHER THAN S.I. UNITS DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACES DECIMALS ±.01 3 PLACES DECIMALS ±.005 ANGLES ±.5°		PRT: B 07M26	ENG: 646.4000
SCALE: NONE		SHEET: 4 OF 4	

1. Approving National Aviation
Authority/Country:

FAA/UNITED STATES

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: Page 1 of 3

MG13-078

4. Organization Name and Address:

Apical Industries, Inc.
2608 Temple Heights Drive
Oceanside, CA 92056

PQ1886NM

5. Work Order/Contract/Invoice Number:

Shipper # 12443
P.O. # AS350-CCK/0019331

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1.	Upper Cutter Assy	646.3301	N/A	16	119640-3	New
2.	Lower Cutter Assy	646.3001		20	119737-1	
3.	Deflector	646.2910		17	119572-1	
4.	Doubler	646.3710		2	113434-1	
5.	Strut Doubler	646.3715		2	114916-7	
6.	Gusset	646.3714		2	113434-3	
7.	Doubler	646.3715		2	113434-4	
8.	Shim	646.3911		2	113080-5	
9.	Gusset	646.3713		3	113434-2	
10.	Bracket	646.3810		6	113012-4	
11.	Support	646.3210		4	114263-3	
12.	Gusset Bracket	646.3812		8	113579-1	
13.	Strut Bracket	646.3813		5	112165-3	
14.	Shim	646.3910		26	114916-5	
15.	Shim	646.3912		26	114916-6	
16.	Channel	646.3110		7	118257-8	

13. Remarks: EXPORT AIRWORTHINESS APPROVAL

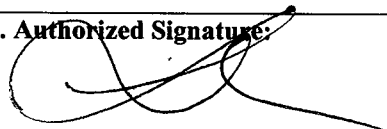
- A. These parts listed in Block 7. are subcomponents of a PMA Article
- B. Bilateral Agreement - None
- C. Items are being shipped to Dart Aerospace Ltd. in Hawkesbury, ON, Canada.
- D. Last item entered.....

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data and are in condition for safe operation

☐ Non-approved design data specified in Block 13.

15. Authorized Signature:



16. Approved/Authorization No.:

DMIR 606259-NM

17. Name (Typed or Printed):

Lisa Mansfield

18. Date (m/d/y):

March 18, 2013

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation
Authority/Country:

FAA/UNITED STATES

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: Page 2 of 3

MG13-078

4. Organization Name and Address:

Apical Industries, Inc.
2608 Temple Heights Drive
Oceanside, CA 92056

PQ1886NM

5. Work Order/Contract/Invoice Number:

Shipper # 12443

P.O. # AS350-CCK/001933

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
17.	Strut	646.3512	N/A	12	111971-3	New
18.	Doubler	646.3719		24	117341-6	
19.	Strut	646.3510		14	117341-2	
20.	Strut	646.3511		14	117341-3	
21.	Clip	646.3711		13	117341-1	
22.	Clip	646.3712		13	117341-4	
23.	Custom Washer	646.3718		27	117341-5	
24.	Gauge Bracket	646.3716		15	117953-1	
25.	Filler	646.3610		17	115914-2	
26.	Shim	646.3913		17	117953-2	
27.	Radius Block	646.3811		20	117651-1	
28.	Strut	646.3513		35	11971-1, 115105-1, 115741-3	
29.	Bolt	601.2825		192	107245-1, 119183-2	
30.	Bolt	601.2827		69	106824-1, 114455-1	
31.	Bolt	601.2763		206	41764-3, 46468-1	
32.	Screw	601.2830		149	41769-8, 107245-8	

13. Remarks: EXPORT AIRWORTHINESS APPROVAL

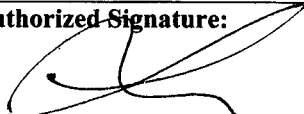
- A. These parts listed in Block 7. are subcomponents of a PMA Article
- B. Bilateral Agreement - None
- C. Items are being shipped to Dart Aerospace Ltd. in Hawkesbury, ON, Canada.
- D. Last item entered.....

14. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data and are in condition for safe operation

☐ Non-approved design data specified in Block 13.

15. Authorized Signature:



16. Approved/Authorization No.:

DMIR 606259-NM

17. Name (Typed or Printed):

Lisa Mansfield

18. Date (m/d/y):

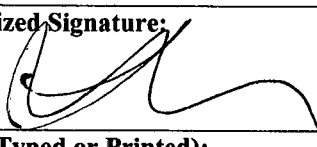
March 18, 2013

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: Page 3 of 3 MG13-078	
4. Organization Name and Address: Apical Industries, Inc. 2608 Temple Heights Drive Oceanside, CA 92056						5. Work Order/Contract/Invoice Number: Shipper # 12443 P.O. # AS350-CCK / 0019331	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
33.	Rivet	601.2831	N/A	604	76557-10, 107245-7, 115478-4	New	
34.	LH Wiper Deflector	646.3410		15	110777-1		
35.	AS350 Wiper deflector Kit	646.4002		4	031, 032, 033, 034		
36.	RH Wiper Deflector	646.3411		16	118480-1		
37.	Wiper Bracket	646.3814		45	107056-3, 116390-2		
13. Remarks: EXPORT AIRWORTHINESS APPROVAL A. These parts listed in Block 7. are subcomponents of a PMA Article B. Bilateral Agreement – None C. Items are being shipped to Dart Aerospace Ltd. in Hawkesbury, ON, Canada. D. Last item entered.....							
14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13.							
15. Authorized Signature: 		16. Approved/Authorization No.: DMIR 606259-NM					
17. Name (Typed or Printed): Lisa Mansfield		18. Date (m/d/y): March 18, 2013					
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							